



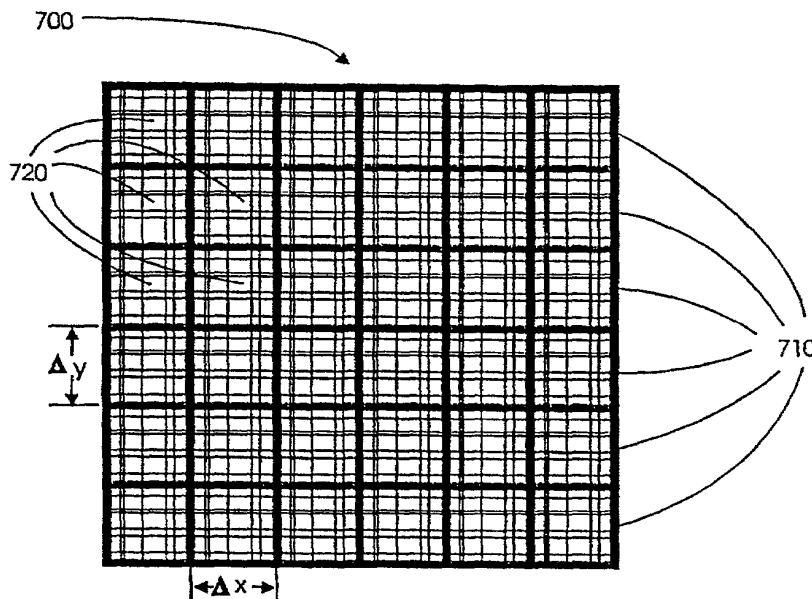
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(71) Applicant (for all designated States except US): RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & INDUSTRIAL DEVELOPMENT LTD. [IL/IL]; P.O. Box 39296, 61392 Tel Aviv (IL).			
(72) Inventors; and (75) Inventors/Applicants (for US only): MENDLOVIC, David [IL/IL]; Idelman Street 9, 49550 Petach-Tikva (IL). ZA-LEVSKY, Zeev [IL/IL]; Hermon Street 1, 48560 Rosh Haayin (IL).		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(74) Agents: COLB, Sanford, T. et al.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).			

(54) Title: A METHOD AND SYSTEM FOR SUPER RESOLUTION



(57) Abstract

A method for enhancing the resolution of an image sensing device, including the steps of attaching a mask to a panel of detectors in an image sensing device, generating multiple fields of view, the multiple fields of view being related to one another by sub-pixel shifts, acquiring multiple images with the image sensing device from the multiple fields of view; and combining the multiple images into an enhanced image of higher pixel resolution than the pixel resolutions of the multiple images. A system is also described and claimed.

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